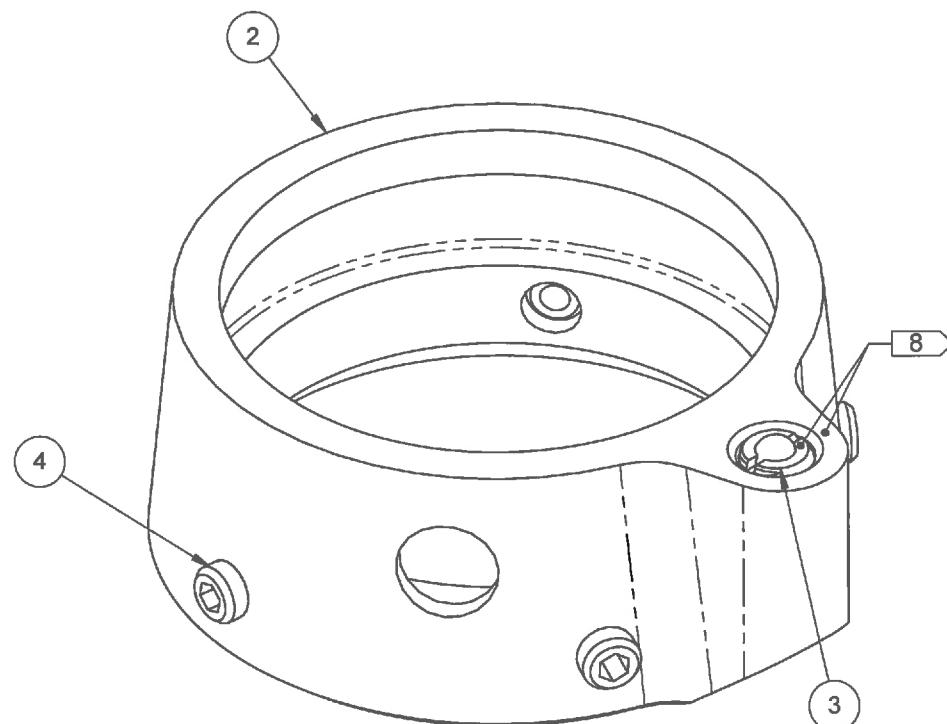


ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION
1	X	E4514-041	THROTTLE COLLAR ASSEMBLY
2	1	E4514-1	THROTTLE COLLAR
3	1	E4515-1	BALL PLUNGER
4	4	NAS1081-08D3	SET SCREW

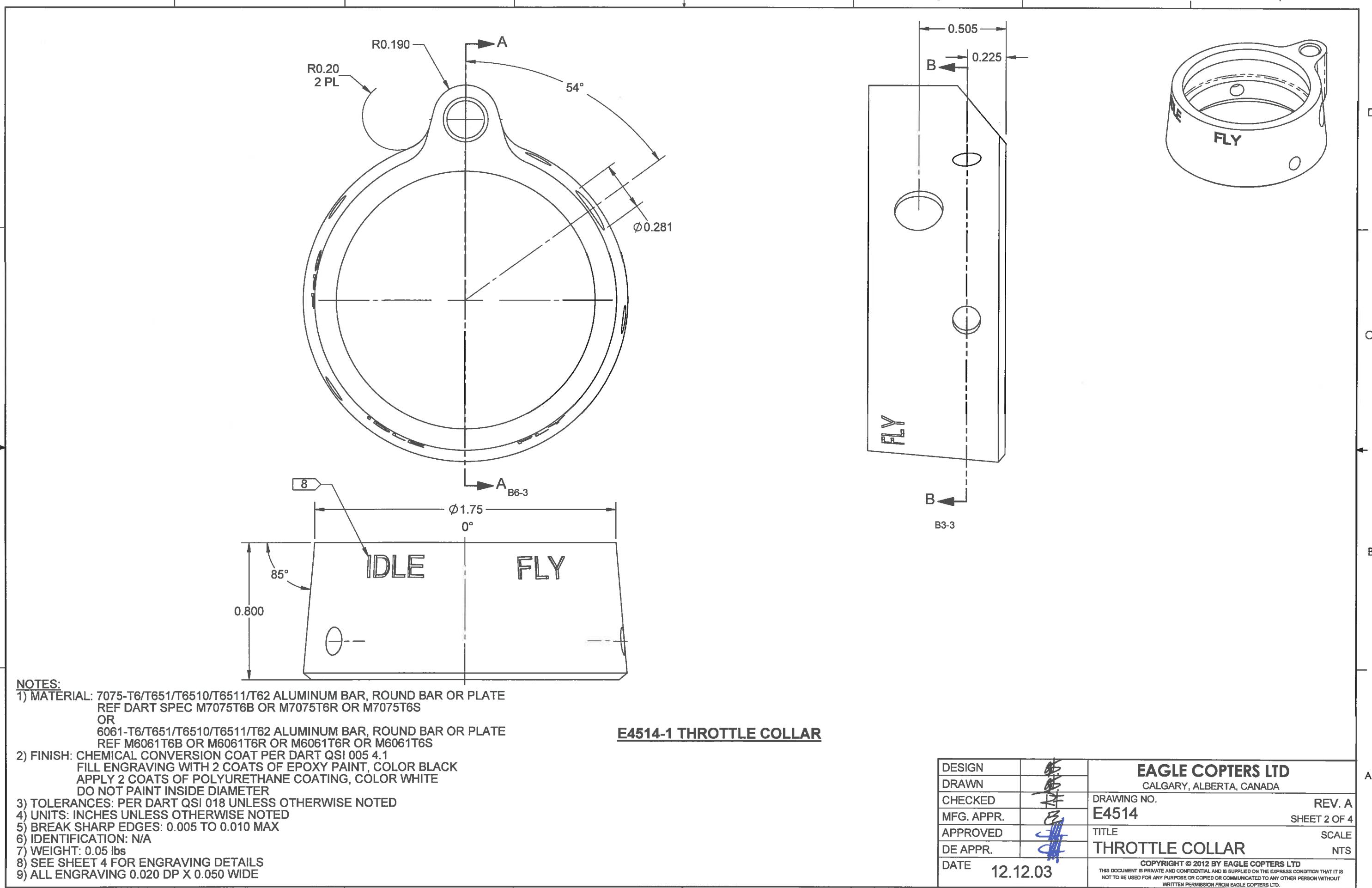


E4514-041 THROTTLE COLLAR ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.06 lbs
- 8) INSTALL BALL PLUNGER UNTIL THESE SURFACES ARE PARALLEL

A	NEW ISSUE	12.12.03
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MFG. APPR.	<i>AB</i>	E4514 SHEET 1 OF 4
APPROVED	<i>AB</i>	TITLE SCALE
DE APPR.	<i>AB</i>	THROTTLE COLLAR NTS
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Technical cross-sectional diagram of a mechanical part, likely a bearing housing or similar component. The diagram shows a central vertical shaft with a shoulder. The housing has a flange at the top and a stepped base. Key dimensions include:

- Outer diameter of the housing:  $\phi 0.257$
- Width of the housing flange: 0.25
- Angle of the housing shoulder: 40°
- Outer diameter of the shoulder: CSK 90° X  $\phi 0.2$
- Total height of the housing: 1.81
- Width of the housing base: 1.700
- Width of the housing shoulder: 1.050
- Width of the housing flange: 0.100
- Width of the housing shoulder shoulder: 0.355
- Width of the housing base shoulder: 0.300
- Bottom clearance: 1.669
- Bottom shoulder diameter:  $\phi 1.501$  (over  $\phi 1.500$ )
- Bottom shoulder radius:  $R^{0.018}_{0.014}$
- Bottom shoulder thickness: 2 PL

**SECTION A-A** C5-

Technical drawing of a circular component with a central hole and a hatched outer ring. The outer ring is divided into four quadrants by a vertical and horizontal center line. Arrows point to specific features with labels:

- 0.25 - 20 UNC-3B
- 0.164 - 32 UNJC-3B 4 PL
- 153°
- 126°
- 83°
- 56°

**SECTION B-B** C3-2

**E4514-1 THROTTLE COLLAR  
AUXILIARY VIEW**

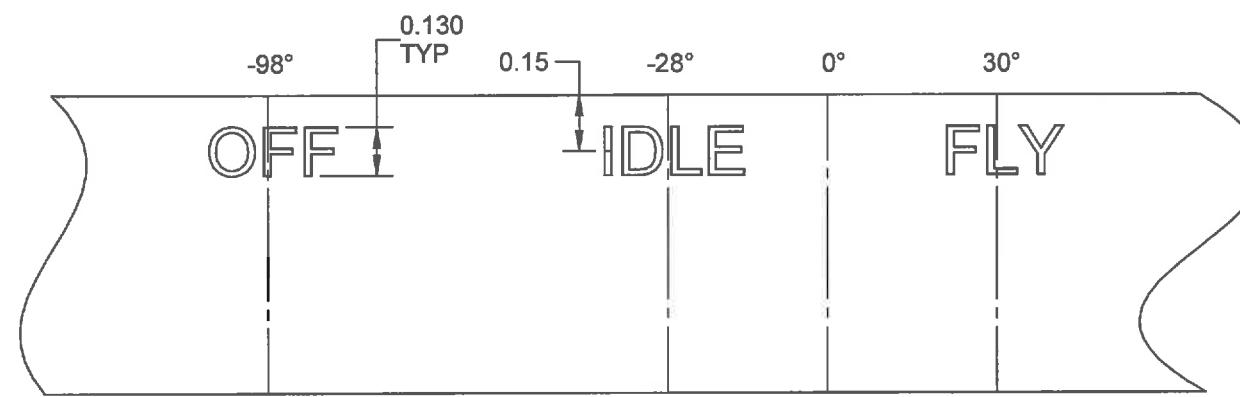
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**E4514-1 THROTTLE COLLAR**  
AUXILIARY VIEW

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